

[e m o r a n d u m

August 29, 2001

Date : August 27, 2001

Telephone: (916) 657-4394

File:

: William J. Keese, Chairman
Michal C. Moore, Commissioner
Robert A. Laurie, Commissioner
Robert Pernell, Commissioner
Art Rosenfeld, Commissioner

m : **California Energy Commission**
1516 Ninth Street
Sacramento, CA 95814-5512

bject : **TRACY PEAKER PROJECT DATA ADEQUACY RECOMMENDATION**

On August 16, 2001, GWF Energy, LLC, subsidiary of PSEG California Corporation and Harbinger GWF LLC, filed an Application for Certification (AFC) seeking approval from the California Energy Commission to construct and operate a nominal 169 megawatt (MW) generating facility called the Tracy Peaker Plant (TPP). GWF applied for certification under the 4-month expedited process.

Based on staff's analysis, the AFC does not meet either the twelve or four month requirements (Cal. Code of Regulations, Title 20, § 1704, Appendix B and Public Resources Code § 25552 (SB 28, Chapter 12, Statutes of 2001), respectively). We therefore recommend that the Energy Commission find the AFC inadequate and adopt the enclosed list of deficiencies.

Attachment A contains an overview of whether each technical discipline evaluated is adequate or inadequate. Attachment B contains staff's detailed data adequacy worksheets that describe staff's findings for each information requirement that is inadequate. While some of the inadequacies can be resolved rather quickly, project overview, land use, and biological issues appear to pose a major roadblock for this project's data adequacy under the 4 month process.

At the Energy Commission's business meeting on August 29, 2001, I will be recommending that the Energy Commission not accept the AFC until all the additional information specified in Attachment B is supplied. Pursuant to California Code of Regulations, title 20, Section 1709 (c), if the Energy Commission accepts my recommendation, the Energy Commission shall indicate, in writing, those parts of the AFC which fail to meet the information requirements and the manner in which it can be made complete.

If you have any questions, please call Cheri Davis, staff's Project Manager, at (916) 657-4394.

Steve Larson
Executive Director

Attachments

ATTACHMENT A
OVERVIEW OF ENERGY COMMISSION STAFF'S
DATA ADEQUACY DETERMINATION
Tracy Peaker Project
01-AFC-16

TECHNICAL AREA	ATTACHMENT PAGE NO.	ADEQUATE?
Air Quality – 12 mo.	5	No
Air Quality – 4 mo.	9	No
Biological Resources – 12 mo.	11	No
Biological Resources – 4 mo.	16	No
Cultural Resources – 12 mo.	18	No
Cultural Resources – 4 mo.	21	No
Efficiency – 12 mo.	22	Yes
Geological Hazards – 12 mo.	24	Yes
Geological Hazards – 4 mo.	26	Yes
Facility Design – 12 mo.	27	Yes
Hazardous Materials Handling – 12 mo.	30	Yes
Hazardous Materials Management – 4 mo.	32	Yes
Land Use – 12 mo.	33	No
Land Use – 4 mo.	37	No
Paleontological Resources – 12 mo.	39	Yes
Paleontological Resources – 4 mo.	42	Yes
Public Health – 12 mo.	43	No
Public Health – 4 mo.	45	No
Reliability – 12 mo.	46	No
Socioeconomics – 12 mo.	48	No
Socioeconomics – 4 mo.	52	Yes
Soil Resources – 12 mo.	53	No
Soil Resources – 4 mo.	55	No

TECHNICAL AREA	ATTACHMENT PAGE NO.	ADEQUATE?
T-Line Safety and Nuisance – 12 mo.	56	Yes
T-Line Safety and Nuisance – 4mo.	59	Yes
Transmission System Engineering – 12 mo.	60	Yes
Transmission System Engineering – 4 mo.	63	Yes
Traffic and Transportation – 12mo.	64	No
Traffic and Transportation – 4mo.	67	Yes
Visual Resources – 12 mo.	68	No
Visual Resources – 4 mo.	71	No
Waste Management – 12 mo.	72	Yes
Waste Management – 4 mo.	75	Yes
Water Resources – 12 mo.	76	No
Water Resources – 4 mo.	80	No
Worker Safety – 12 mo.	81	Yes
Worker Safety / Fire protection – 4 mo.	83	Yes

ATTACHMENT B

**ENERGY COMMISSION STAFF'S
List of Data Inadequacies**

**Tracy Peaker Project
01-AFC-16**

August 29, 2001

adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/21/01

Technical Area: **Air Quality – 12 mo.**

Project: Tracy Peaker Project

Technical Staff: William Walters

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: K. Golden/M. Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§2.2.10 pgs 2.14,15 §8.1 pgs 8.1-1 to –59 Appendix B	Yes	
Appendix B g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.		No	The District has received the permit application and is currently performing their completeness determination. The District plans on completing this analysis by August 30, 2001.
Appendix B g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	§2.2.15 pg 2-22 §2.2.6 pg 2-9 Table 7.1 pg 7-4 Table 8.1-17 pg 8.1-49	Yes	
Appendix B g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	§2.2.10 pgs 2-14 §8.1.3 pgs 8.1-13 to -23	Yes	
Appendix B g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	§1.5.6 pg 1-7 §2.2.4 pg 2-4 §8.14 pg 8.14-8 Figure 2-3 (note: no wet cooling is proposed)	Yes	
Appendix B g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	§8.1.4.2 pgs 8.1-24,25 §8.1.5 pgs 8.1-31 to –33 Tables 8.1-13 to –15 pgs 8.1-47,48 Appendix B	No	Please provide secondary emission estimate from all deliveries, including deliveries of ammonia.
Appendix B g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	§2.2.15 pgs 2-22,23 §8.1.4.2 pgs 8.1-24,25 §8.1.5 pgs 8.1-31 to –33 Tables 8.1-13 to –15 pgs 8.1-47,48 Appendix B	Yes	

adequacy Issue: Adequate _____ Inadequate X

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Revision No. 0 Date 8/21/01

Technical Area: Air Quality – 12 mo.

Project: Tracy Peaker Project

Technical Staff: William Walters

Project Manager: Cheri Davis

Docket: 01-AFC-16

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	§8.1.2.2 pgs 8.1-11 to –13 Tables 8.1-4 to –8 pgs 8.1-41 to –44	Yes	
Appendix B j) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Electronic Filing on CD (note: three years of data was provided)	Yes	
Appendix B j) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled “On-Site Meteorological Program Guidance for Regulatory Modeling Applications” (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)		N/A	
Appendix B j) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Appendix B Electronic Filing on CD	Yes	
Appendix B j) (8) (I)	An evaluation of the project’s direct and cumulative air quality impacts, consisting of the following:			

dequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/21/01

echnical Area: **Air Quality – 12 mo.**

Project: Tracy Peaker Project

Technical Staff: William Walters

roject Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: K. Golden/M. Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B j) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀)] from construction-related equipment;	§8.1.4.3 pg 8.1-25 to -28 Tables 8.1-16,18 pgs 8.1-49,50 Appendix B Electronic Filing on CD	Yes	
ppendix B j) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO _x , SO ₂ , CO and PM ₁₀) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	§8.1.4.3 pg 8.1-25 to -30 Tables 8.1-19 to -21, pgs 8.1-51,52 Appendix B Electronic Filing on CD	Yes	
ppendix B j) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	§8.1.6 pgs 8.1-33,34 Tables 8.1-22 to -24 pgs 8.1-53, 54 Appendix B (note: Rather than presenting the cumulative modeling protocol the applicant has completed the cumulative modeling analysis)	Yes	
ppendix B j) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:			
ppendix B j) (8) (J) (i)	The quantity of offsets needed;	Table 8.1-25,26, pg 8.1-54,55	Yes	

adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/21/01

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Project: Tracy Peaker Project

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Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: K. Golden/M. Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	§8.1.7 pgs 8.1-34,35 Table 8.1-26 pg 8.1-55 Appendix B (Project not fully offset)	Yes	
Appendix B j) (8) (J) (iii)	Method of emission reduction.	Appendix B	Yes	
Appendix B j) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Figure 8.1-1	Yes	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.1-28 pgs 8.1-56 to -59	Yes	
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.1-28 pgs 8.1-56 to -59	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§8.1.8 pgs 8.1-35,36 Table 8.1-28 pgs 8.1-56 to -59	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§8.1.10, pg 8.1-36	Yes	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 8.1-27 pg 8.1-55	No	Please provide a schedule for when permits will be obtained.

adequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No.

0

Date

8/21/01

Technical Area:

Air Quality – 4 mo.

Project:

Tracy Peaker Project

Technical Staff:

William Walters

Project Manager:

Cheri Davis

Docket:

01-AFC-16

Technical Senior:

K. Golden/M. Ringer

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Appendix K-5	No	Please provide specific conditions of certification (such as emission limits, source testing, continuous monitoring, etc.) as would be generally required by the Commission and District to mitigate impacts.
25552(e)(2) \\II)	[a]ssure protection of public health and safety;	Appendix K-5	No	Please provide specific conditions of certification (such as emission limits, source testing, continuous monitoring, etc.) as would be generally required by the Commission and District to ensure public health and safety.
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Appendix K-5	No	Please provide specific conditions of certification (such as emission limits, source testing, continuous monitoring, etc.) as would be generally required by the Commission and District to comply with LORS.
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	
25552(e)(5)	[a] binding and enforceable agreement with the commission, that demonstrates either of the following:			
25552(e)(5)(A) Project Overview)	[t]hat the thermal powerplant will cease to operate and the permit will terminate within three years; or		N/A	

adequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET

(Four Month Expedited Process)

Revision No.

0

Date

8/21/01

Technical Area:

Air Quality – 4 mo.

Project:

Tracy Peaker Project

Technical Staff:

William Walters

Project Manager:

Cheri Davis

Docket:

01-AFC-16

Technical Senior:

K. Golden/M. Ringer

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)(5)(B) Air Quality)	[t]hat the thermal powerplant will be recertified, modified, replaced, or removed within a period of three years with a cogeneration or combined-cycle thermal powerplant that uses best available control technology and obtains necessary offsets, as determined at the time the combine-cycle thermal powerplant is constructed, and that complies with all other applicable laws, ordinances, and standards;	AFC Cover Letter (The project is defined as a peaker plant for the duration of its 10-year contract with DWR and the Applicant has requested that the Commission use its discretion to suspend this requirement)	No	Please provide assurances that the thermal powerplant will be recertified, modified, replaced or removed within a period of three years with a cogeneration or combined-cycle thermal powerplant that uses best available control technology and obtains necessary offsets.
25552(e)(6) Air Quality)	Where applicable, that the thermal powerplant will obtain offsets or, where offsets are unavailable, pay an air emissions mitigation fee to the air pollution control district or air quality management district based upon the actual emissions from the thermal powerplant, to the district for expenditure by the district pursuant to Chapter 9 (commencing with Section 44275) of Part 5 of Division 26 of the Health and Safety Code, to mitigate the emission from the plant. To the extent consistent with federal law and regulation, any offsets required pursuant to this paragraph shall be based upon a 1:1 ratio, unless, after consultation with the applicable air pollution control district or air quality management district, the commission finds that a different ratio should be required.	§8.1.7 pgs 8.1-34,35 Table 8.1-26 pg 8.1-55 Appendix B (Note: Project not yet fully offset)	Yes	

adequacy Issue: Adequate _____ Inadequate x

Technical Area: **Biological Resources – 12 mo.**

Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: GWF Tracy Peaker

Docket: 01-AFC-16

Revision No. 0 Date August 21, 2001

Technical Staff: Natasha Nelson and Nick Kautzman

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	<p>Site conditions: Sections 8.2.2.2 and 8.2.2.3, pp. 8.2-3 and -4; and, Section 8.2.3.2, pp. 8.2-6</p> <p>Impacts discussion: Section 8.2.4, pp. 8.2-7 and -8; Section 8.2.5 and 8.2.6, p. 8.2-8; and, Table 4 in Appendix K-6</p> <p>Mitigation: Section 8.2.7, p. 8.2-8; and Appendix K-6</p> <p>Monitoring: Section 10 and Table 5 in Appendix K-6</p>	<p>YES</p> <p>YES</p> <p>YES</p> <p>YES</p>	
Appendix B j) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	<p>Regional overview: Not provided</p> <p>1:100,000 (or suitable scale) map: Not provided</p>	<p>NO</p> <p>NO</p>	Provide a general description of the biological resources, especially sensitive species, on a regional scale. A map at a scale of 1:100,000 should be provided. The map should show the location of the power plant, the one-mile radius from the power plant, and the location of the transmission corridor. Any sensitive resources that are in the vicinity should be marked as either points or polygons and labeled.

adequacy Issue: Adequate _____ Inadequate x

Technical Area: **Biological Resources – 12 mo.**

Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: GWF Tracy Peaker

Docket: 01-AFC-16

Revision No. 0 Date August 21, 2001

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Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	Detailed map and discussion: Section 8.2.2, pp. 8.2-3 to -4; Section 8.2.3.2, p. 8.2-6; Tables 8.2-3 and 8.2-4, p. 8.2-15; and, Figures 8.2-2 to 8.2-7 Lists of species seen and those expected to occur in the project area: Tables 8.2-1 to 8.2-5, pp. 8.2-13 to -19 Discussion of distribution: Section 8.2.3.2, p. 8.2-6; and Section 8.2.4.1, p. 8.2-7	YES YES YES	
Appendix B (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	Study description: Section 8.2.3, pp. 8.2-4 to -6; and Figure 8.2-1 CNDDDB forms: Section 8.2.3.2, p. 8.2-7 Names/qualifications of those completing studies: Appendix C in Appendix K-6	YES NO NO	Section 8.2.3.2 indicates CNDDDB field survey forms were completed, but they were not part of the submitted AFC. In addition, the CNDDDB database forms were not provided. Please submit these forms. Resumes or qualifications of Barbara Leitner and the wildlife crew were not included in the submitted AFC. Please submit the resumes.

adequacy Issue: Adequate _____ Inadequate x

Technical Area: **Biological Resources – 12 mo.**

Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: GWF Tracy Peaker

Docket: 01-AFC-16

Revision No. 0 Date August 21, 2001

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Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	Permanent/temporary impacts discussion: Section 8.2.4, pp. 8.2-7 and –8; Sections 8.2.5 and 8.2.6, p. 8.2-8; Tables 8.2-3 and 8.2-4, p. 8.2-15; and Table 4 in Appendix K-6 Cooling tower drift study: Not Applicable Use and discharge of water: Not provided Once-through cooling discussion: Not Applicable	YES Not Applicable NO Not Applicable	Provide a discussion of the biological resources within the turnout on the Delta-Mendota Canal. Also, discuss if the intake of water could cause the loss of fish or invertebrates or other impacts.
Appendix B (13) (E)	A discussion of the following:	--	--	--
Appendix B (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Appendix K-6	YES	
Appendix B (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Proposed mitigation: Appendix K-6 Off-site habitat compensation: Section 7 and Table 4 in Appendix K-6	YES YES	
Appendix B (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Section 8.3 in Appendix K-6	NO	If employee training is part of your mitigation package, as indicated in Section 8.3 in Appendix K-6, then a draft script and handouts would be required as part of the BRMIMP. Please indicate if a worker education program is part of your mitigation effort; and, if applicable, provide information on the program in Appendix K-6.

adequacy Issue: Adequate _____ Inadequate x

Technical Area: **Biological Resources – 12 mo.**

Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Section 10 and Table 5 in Appendix K-6	YES	
Appendix B j) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.	Section 8.2.2.3, p.8.2-4	YES	
Appendix B j) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:	--	--	--
Appendix B j) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	Table 8.2-1 and 8.2-2, pp. 8.2-13 and -14	YES	
Appendix B j) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	Section 8.2.2.3, p. 8.2-4; and Table 8.2-1 and 8.2-2, pp. 8.2-13 and -14	YES	
Appendix B j) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	Table 8.2-1 and 8.2-2, pp. 8.2-13 and -14	YES	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.2-6, p. 8.2-20	YES	

adequacy Issue: Adequate _____ Inadequate x

Technical Area: **Biological Resources – 12 mo.**

Project Manager: Cheri Davis

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Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.2-6, p. 8.2-20	YES	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.2.8, pp. 8.2-9 to 8.2-10	YES	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.2.10, p. 8.2-10	YES	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.2.9, p. 8.2-10	YES	

dequacy Issue: Adequate Inadequate **x** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date August 24, 2001
 echnical Area: **Biological Resources – 4 mo.** Project: GWF Tracy Peaker Technical Staff: Natasha Nelson and Nick Kautzman
 roject Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Jim Brownell

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Section 8.2.4, p. 8.2-7 and -8; and Appendix K-6	NO	The cumulative impacts of this power plant in conjunction with East Altamount power plant and Florida Power and Light Tesla Combined Cycle (both are within 8 miles of the project) on SJ kit foxes (and their travel corridors) were not considered. Provide a discussion of the potential for cumulative impacts with these pending projects and how they may be mitigated. If an individual USFWS consultation is required (see below), the application materials must request a “no effect” or “may affect, not likely to adversely affect” determination.
25552(e)(2) \\II)	[a]ssure protection of public health and safety;	Not Applicable		
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.2.8, p. 8.2-9 and –10; and Table 8.2-6, p. 8.2-20	NO	In most cases, it is not possible for the project applicant to be authorized under an existing HCP because the CEC process does not require a discretionary action by the local agencies and because the local agencies have not anticipated permitting power plants >50 MW as part of their “future actions/uses” section of their HCP. Therefore, any permitting required for potential effects of power plants >50 MW on state- and federally-listed species is required to use either an ESA Section 7 or Section 10(a) process.

adequacy Issue: Adequate Inadequate **x** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date August 24, 2001
 (Four Month Expedited Process)
 echnical Area: **Biological Resources – 4 mo.** Project: GWF Tracy Peaker Technical Staff: Natasha Nelson and Nick Kautzman
 roject Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Jim Brownell

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)(3) (II) continued	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;			<p>Prepare and submit documentation which prove one of the following:</p> <p>1) That San Joaquin County, The SJVMSHCP Joint Powers Authority, USFWS, and CDFG have reviewed the project as proposed in the AFC and agrees that a power plant >50 MW and transmission lines (in contrast to distribution lines) were anticipated as future land uses during development of the HCP. To document this, all parties listed above shall submit letters to the CEC Project Manager (Cheri Davis) stating their support for the project to gain state and federal endangered species "take" permits through the HCP process. Because part of the project takes place in Alameda county, these same agencies must also agree that potential impacts in Alameda County will be covered if the applicant applies through this permitting process</p> <p>2) That an application for a Section 7 or Section 10(a) permit has been accepted as complete with the USFWS. The application <u>must</u> request a "no effect" or "may affect, not likely to adversely affect" for all listed species (see above). Include the name and phone number of any agency contacts, the cover letter sent to the USFWS, a copy of the Biological Assessment, and the cover letter sent from the USFWS deeming the application complete.</p>
25552(e)(4) (II)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Not Applicable		

adequacy Issue: Adequate _____ Inadequate **X**
 echnical Area: **Cultural Resources – 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: GWF Tracy
 Docket: 01-AFC-16

Revision No. 0 Date August 22, 2001
 Technical Staff: Kip Harper/Gary Reinoehl
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC, p.8.3-2 to 8.3-3 AFC, p. 8.3-22 to 8.3-23 AFC, p. 8.3-12 to 8.3-23 AFC, p. 8.3-22	Yes	
ppendix B j) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	AFC, p. 8.3-3 to 8.3-7 AFC, Figure 8.3-3	Yes	
ppendix B j) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	AFC, p. 8.3-8 to 8.3-9 AFC, p. 8.3-10 to 8.3-22 AFC, p. 8.3-10	No	Please provide the results of a cultural resource survey of the project area and linears conducted by an architectural historian or an historian with a background in industrial or architectural history. Identify and include descriptions of historic cultural resources (buildings, structures, objects, sites, and districts) adjacent to the project site and linears (one property deep that appear to be 45 or more years old). Please provide the qualifications of the individuals conducting the architectural surveys. Please provide cultural resource surveys for all ancillary areas (pull sites, laydown areas, access roads) outside the previously surveyed area along the transmission lines and the substation.

adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 22, 2001

Technical Area: **Cultural Resources – 12 mo.**

Project: GWF Tracy

Technical Staff: Kip Harper/Gary Reinoehl

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	AFC, p. 8.3-22 AFC, Appendix C (Confidential)	No	Please provide DPR Forms 523A, 523B, and 523J for the Tesla Substation, the Tesla-Manteca transmission line, the Tesla-Kesson transmission line, Tesla-Stockton transmission line, Tesla- Wesley transmission line, Tesla-Newark transmission line, and the Union (Southern) Pacific Railroad crossing.
Appendix B (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	AFC, p. 8.3-9 to 8.3-10 AFC, Appendix C (Confidential)	Yes	
Appendix B (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	AFC, p. 8.3-22 AFC, p. 1-12 AFC, Appendix K-7 AFC, p. 8.3-22 AFC, p. 8.3-22 to 8.3-23	Yes	
Appendix B (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC, Table 8.3-5	No	All maps show the access road adjacent to the western boundary of the Nutting Rice property and the description indicates that the road is on the eastern portion of the Nutting Rice property. The property adjacent to the dirt access road on the west side is owned by the United States of America. Please indicate if a permit from a federal agency is needed to improve roadway for the project.

adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 22, 2001

Technical Area: **Cultural Resources – 12 mo.**

Project: GWF Tracy

Technical Staff: Kip Harper/Gary Reinoehl

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC, Table 8.3-5 AFC, Table 8.3-6 AFC, p. 8.3-23 to 8.3-27	No	Please indicate if a permit from a federal agency is needed to improve roadway for the project. If a permit is needed from a federal agency to improve the access road, please specify which agency and the applicable federal laws.
Appendix B (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC, p. 8.3-23 to 8.3-27	Yes	
Appendix B (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC, Table 8.3-6 AFC, p. 8.3-39	No	If a permit is needed from a federal agency to improve the access road, please provide the name, title, phone number, and address of the agency's contact.
Appendix B (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC, p. 8.3-27	No	If a permit is needed from a federal agency to improve the access road, please provide the schedule to acquire the permit.

adequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No.

0

Date

August 21, 2001

Technical Area:

Cultural Resources – 4 mo.

Project:

GWF Tracy Peaker Project

Technical Staff:

Kip Harper/Gary Reinoehl

Project Manager:

Cheri Davis

Docket:

01-AFC-16

Technical Senior:

Dale Edwards

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	AFC, p. 8.3-10 to 8.3-23	No	<p>Please provide the results of a cultural resource survey of the project area and linears conducted by an architectural historian or an historian with a background in industrial or architectural history. Identify and include descriptions of historic cultural resources (buildings, structures, objects, sites, and districts) adjacent to the project site and linears (one property deep that appear to be 45 or more years old).</p> <p>Please provide the qualifications of the individuals conducting the architectural surveys.</p> <p>Please provide cultural resource surveys for all ancillary areas (pull sites, laydown areas, access roads) outside the previously surveyed area along the transmission lines and the substation.</p>
25552(e)(2) \\II)	[a]ssure protection of public health and safety;		N/A	
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	AFC, Table 8.3-5	Yes	
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	

adequacy Issue: Adequate ☒ Inadequate ☐
 echnical Area: Efficiency – 12 mo.
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date August 20, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.1, 1.2, 1.5.2, 1.5.5, 1.6, 2.1, 2.2.2, 2.2.4, 2.2.6, 2.2.15, 2.4.1, 2.4.3; Figures 2-5, 2-6, 2-7; §§ 5.3, 5.3.1, 5.3.2, 5.3.3, 5.3.6, 7.0	Yes	
ppendix B) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Figures 2-5, 2-6, 2-7	Yes	
ppendix B) (4) (B)	Annual fuel consumption in BTUs for each mode of operation.	§§ 1.5.5, 2.2.6	Yes	
ppendix B) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation.	§§ 1.2, 1.6, 2.2.15, 2.4.1	Yes	
ppendix B) (4) (D)	Number of hours the plant will be operated in each mode of operation in each year.	§§ 1.2, 1.6, 2.2.15, 2.4.1	Yes	
ppendix B) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.		N/A	
ppendix B) (4) (F)	A discussion of alternative generating technologies available for the project, including the projected efficiency of each, and an explanation why the chosen equipment was selected over these alternatives.	§§ 5.3, 5.3.1, 5.3.2, 5.3.3, 5.3.6	Yes	

dequacy Issue: Adequate ☒ Inadequate ☐
 echnical Area: **Efficiency – 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date August 20, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;		N/A	
ppendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.		N/A	
ppendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		N/A	
ppendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		N/A	
ppendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

adequacy Issue: Adequate ☒ Inadequate ☐
 echnical Area: **Geological Hazards – 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker
 Docket: 01-AFC-16

Revision No. 0 Date August 21, 2001
 Technical Staff: Neal Mace
 Technical Senior: Dal Hunter, Ph.D., P.E/
 Lynn Alexander.

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 8.15.1.3 8.15.1.4 8.15.2 8.15.3 (Pages 8.15-15 to 8.15-22)	Yes	
ppendix B g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Sections 8.15.1.3, 8.15.1.4, and 8.15.2 (Pages 8.15.-15 to 8.15-22)	Yes	
ppendix B g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Sections 8.15.2 (Pages 8.15-19 to 8.15-22) Figure 8.15-5	Yes	
ppendix B g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Section 8.15.1.4 (Page 8.15-18)	Yes	
ppendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.15.4 (Pages 8.15-23 to 8.15-24) Table 8.15-2 Page 8.15-32	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐
Technical Area: **Geological Hazards – 12 mo.**
Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker
Docket: 01-AFC-16

Revision No. 0 Date August 21, 2001
Technical Staff: Neal Mace
Technical Senior: Dal Hunter, Ph.D., P.E/
Lynn Alexander.

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.15.5 (Page 8.15-24)	Yes	
Appendix B (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.15.3 (Page 8.15-15 to 8.15-22)	Yes	
Appendix B (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.15.5 (Page 8.15-24)	Yes	

adequacy Issue:

Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date August 21, 2001

Technical Area:

Geological Hazards – 4 mo.

Project:

Tracy Peaker

Technical Staff:

Neal Mace

Project Manager:

Cheri Davis

Docket:

01-AFC-16

Technical Senior:

Dal Hunter, Ph.D/ Lynn Alexander

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Section 8.15.3 p 8.15-22 Appendix K	Yes	
25552(e)(2) \\)	[a]ssure protection of public health and safety;	Section 8.15.4 p 8.15-23 Appendix K	Yes	
25552(e)(3) \\)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.15.4 p 8.15-23 Appendix K	Yes	
25552(e)(4) \\)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Section 1.4 Page 1.3	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Facility Design – 12 mo.**
 Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date August 20, 2001
 Technical Staff: Shahab Khoshmashral
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.		See Water Resources	
Appendix B i) (14) (D) (i)	Precipitation and storm runoff patterns; and		See Water Resources	
Appendix B i) (14) (D) (ii)	Drainage facilities and design criteria.		See Water Resources	
Appendix B i) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and		See Water Resources	
Appendix B i) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.		See Water Resources	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Tables 2-6, 8.15-2 §§ 2.5, 9.0 Appendices J-1 through J-5	Yes	
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Tables 2-6, 8.15-2 §§ 8.15.5, 9.0	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Tables 2-6, 8.15-2 Appendix K-2	Yes	
Appendix B i) (3)	The name, title, telephone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§§ 8.15.5, 9.0	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Facility Design – 12 mo.**
 Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date August 20, 2001
 Technical Staff: Shahab Khoshmashra
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	§ 8.15.6	Yes	
Appendix B (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	§§ 1.8.15, 2.3.1, 8.14.1.1, 8.15 Appendices J-1-3, J-2-3.1	Yes	
Appendix B (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	§§ 1.1, 2.3, 2.3.1 Appendices J-1-3, J-2	Yes	
Appendix B (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment.	Appendices J-1, J-2, J-3	Yes	
Appendix B (1) (D)	For each of the following facilities and/or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:	Figures 2-3, 2-4, 2-5, 2-6A, 2-6B, 2-7A, 2-7B, 2-8	Yes	
Appendix B (1) (D) (i)	The power generation system;	§§ 1.1, 1.5.2, 2.1, 2.2.2, 2.2.3, 2.2.4	Yes	
Appendix B (1) (D) (ii)	The heat dissipation system;	§§ 1.5.2, 2.1	Yes	
Appendix B (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	§§ 1.5.2, 1.5.6, 1.8.14, 2.1, 2.2.7 through 2.2.7.4, 2.4.2.3, 2.4.4, 8.14 Appendix L-2	Yes	
Appendix B (1) (D) (iv)	The atmospheric emission control system;	§§ 1.1, 1.5.2, 2.1, 2.2.2, 2.2.10 through 2.2.10.4, 8.1	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Facility Design – 12 mo.**
 Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date August 20, 2001
 Technical Staff: Shahab Khoshmashra
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (1) (D) (v)	The waste disposal system and on-site disposal sites;	§§ 1.5.2, 1.5.7, 1.8.13, 2.2.8 through 2.2.8.3, 8.13	Yes	
Appendix B (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);		N/A	
Appendix B (1) (D) (viii)	Switchyards/transformer systems; and	§§ 1.1, 1.5.2, 1.5.4, 2.1, 2.2.5, 6.0	Yes	
Appendix B (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.		N/A	

adequacy Issue: Adequate ☒ Inadequate ☐
 echnical Area: **Hazardous Materials Handling**
– 12 mo.
 roject Manager: C. Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project

Docket: 01-AFC-16

Revision No. 0 Date 8/21/01
 Technical Staff: R. Tyler
 Technical Senior: R. Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.12	Yes	
Appendix B (10) (A)	A list of all materials used or stored on-site which are hazardous or acutely hazardous, as defined in Title 22, California Code of Regulations, § 66261.20 et seq., and a discussion of the toxicity of each material.	Table 8.12-1 and 8.12-2	Yes	
Appendix B (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, emergency response facilities and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	Figure 8.6-1 A&B	Yes	
Appendix B (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Section 8.12	Yes	
Appendix B (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the AFC is complete.	Section 8.12.4.4	Yes	
Appendix B (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Section 8.12.4.6	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐
 echnical Area: **Hazardous Materials Handling**
 – 12 mo.
 roject Manager: C. Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project

Revision No. 0 Date 8/21/01
 Technical Staff: R. Tyler
 Technical Senior: R. Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B j) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 8.12.6	Yes	
ppendix B j) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 8.12.5	Yes	
ppendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.12-10	Yes	
ppendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.12-10	Yes	
ppendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.12	Yes	
ppendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.12-8	Yes	
ppendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date 8/21/01

Technical Area: **Hazardous Materials
Management – 4 mo.**

Project: Tracy Peaker Project

Technical Staff: R.Tyler

Project Manager: C. Davis

Docket: 01-AFC-16

Technical Senior: R.Tyler

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Section 8.12	Yes	
25552(e)(2) \\II)	[a]ssure protection of public health and safety;	Section 8.12	Yes	
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.12	Yes	
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	

adequacy Issue: Adequate _____ Inadequate X
 echnical Area: Land Use – 12 mo.
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project (TPP)
 Docket: 01-AFC-16

Revision No. 0 Date 8/21/01
 Technical Staff: Negar Vahidi
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.4, pages 8.4-1 through 8.4-21; and Section 8.9, pages 8.9-1 through 8.9-8	No	Discuss the direct and cumulative impacts of the loss of prime farmland, including the potential for this project to induce agricultural land conversion, and overall urban growth on surrounding parcels. We suggest using the California Department of Conservation's Agricultural Land and Site Assessment Model (LESA) to characterize the loss of prime farmland. Contact Molly Penberth at the Dept. of Conservation at (916) 324-0859. Discuss measures for mitigating the loss of prime farmland.
ppendix B j) (3) (A)	A discussion of existing land uses and current zoning at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include:	Section 8.4.1, pages 8.4-2 through 8.4-3, Section 8.4.2, pages 8.4-3 through 8.4-6, Section 8.4.3, pages 8.4-6 through 8.4-13	No	Provide a copy of the Williamson Act contract for this property, and the 1992 non-renewal notice. Given that the contract is due to expire in March 2002, we are concerned that construction is planned before that point. Discuss how an electric power plant is permitted under the provisions of the Williamson Act.
ppendix B j) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	Section 8.4.1, page 8.4-2 and Table 8.4-1, page 8.4-25	Yes	
ppendix B j) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	Section 8.4.3, pages 8.4-6 through 8.4-13 Section 8.4.5, pages 8.4-19 through 8.4-21	Yes	

adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/21/01

Technical Area: **Land Use – 12 mo.**

Project: Tracy Peaker Project (TPP)

Technical Staff: Negar Vahidi

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	Section 8.4.3, pages 8.4-6 through 8.4-13	Yes	
Appendix B g) (3) (A) (iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Figures 8.4-1, 8.4-2, and 8.4-3	Yes	
Appendix B g) (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses	Section 8.4.4, pages 8.4-14 through 8.4-19; and Section 8.9.2, pages 8.9-1 through 8.9-6	Yes	
Appendix B g) (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Section 8.9.2, pages 8.9-1 through 8.9-6, and Figures 8.9-1 and 8.9-2	Yes	
Appendix B g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	Section 8.9.2, pages 8.9-1 through 8.9-6	No	Provide a list of crop types historically and currently grown on the proposed TPP site and a list of crop types grown on surrounding agricultural land.
Appendix B g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	Section 8.9.2, pages 8.9-1 through 8.9-6	Yes	

adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/21/01

Technical Area: **Land Use – 12 mo.**

Project: Tracy Peaker Project (TPP)

Technical Staff: Negar Vahidi

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	Section 1.8.4, page 1-13 Section 8.9.2.5, page 8.9-6	No	The AFC Executive Summary states that “The TPP site is on a previously disturbed parcel within an intensive agricultural area.” Clarify, whether or not there is current agricultural activity occurring on site. If so, state when these activities are expected to cease.
Appendix B g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	Section 8.4.4, pages 8.4-14 through 8.4-21; and Section 8.9.2, pages 8.9-1 through 8.9-8	No	Responding to item (g)(1) will meet this requirement.
Appendix B h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.4.2, Tables 8.4-2, 3, 4, 5, 7 and 8, pages 8.4-3 through 8.4-6, 8.4-26 through 8.4-28, 8.4-29, 8.4-30, 8.4-31, 8.4-33 and 8.4-34, respectively; and Section 8.9.6 and Table 8.9-4, pages 8.9-8 through 8.9-10 and 8.9-19, respectively	Yes	
Appendix B h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Sections 8.4.7 and 8.4.9, pages 8.4-21 and 8.4-22, respectively; and Section 8.9.8, page 8.9-10	Yes	
Appendix B h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 8.4-8, page 8.4-34; and Table 8.9-4, page 8.9-19	Yes	

adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/21/01

Technical Area: Land Use – 12 mo.

Project: Tracy Peaker Project (TPP)

Technical Staff: Negar Vahidi

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (3)	The names, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Sections 8.4.7 and 8.4.9, pages 8.4-21 and 8.4-22, respectively; and Section 8.9.8, page 8.9-10	Yes	
Appendix B ii) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.4.9, page 8.4-22; and Section 8.9.8, page 8.9-10	Yes	

adequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No.

0

Date

8/21/01

Technical Area:

Land Use – 4 mo.

Project:

Tracy Peaker Project (TPP)

Technical Staff:

Negar Vahidi

Project Manager:

Cheri Davis

Docket:

01-AFC-16

Technical Senior:

Eileen Allen

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) vii)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Section 8.4.4, pages 8.4-14 through 8.4-21; and Section 8.9.2, pages 8.9-1 through 8.9-8; Sections 8.9.2.5, 8.9.3, and 8.9.4, pages 8.9-6 through 8.9-7; and Tables 8.9-2 and 8.9-3, pages 8.9-14 through 8.9- 17 and 8.9-18 respectively.	No	Discuss the direct and cumulative impacts of the loss of prime farmland, including the potential for this project to induce agricultural land conversion, and overall urban growth on surrounding parcels. We suggest using the California Department of Conservation's Agricultural Land and Site Assessment Model (LESA) to characterize the loss of prime farmland. Contact Molly Penberth at the Dept. of Conservation at (916) 324-0859. Discuss measures for mitigating the impact of the loss of prime farmland. The response to App.B item (g)(1) will meet this requirement.
25552(e)(2) viii)	[a]ssure protection of public health and safety;	N/A		

adequacy Issue:

Adequate Inadequate **X**

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date 8/21/01

Technical Area:

Land Use – 4 mo.

Project:

Tracy Peaker Project (TPP)

Technical Staff:

Negar Vahidi

Project Manager:

Cheri Davis

Docket:

01-AFC-16

Technical Senior:

Eileen Allen

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.4.2, Tables 8.4-2, 3, 4, 5, 7 and 8, pages 8.4-3 through 8.4-6, 8.4-26 through 8.4-28, 8.4-29, 8.4-30, 8.4-31, 8.4-33 and 8.4-34, respectively; and Section 8.9.6 and Table 8.9-4, pages 8.9-8 through 8.9-10 and 8.9-19, respectively	No	Provide a letter from San Joaquin County describing how this project would qualify for a conditional use permit, or a related project approval process. While this project is in the Energy Commission's jurisdiction, we still need to document and incorporate the findings of the local jurisdiction regarding compliance with their laws, ordinances, regulations, and standards. Provide a copy of the Williamson Act contract for this property, and the 1992 non-renewal notice. Given that the contract is due to expire in March 2002, staff is concerned about the fact that construction is planned before this point. Discuss the San Joaquin County process for removing the site from the Williamson Act agricultural land preserve. Provide a corresponding timeline for this process. Provide a letter from San Joaquin County supporting the early removal of the site from the Williamson Act. This letter must also state when the County will submit the required Williamson Act contract cancellation findings.
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Section 1.4, page 1-3	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐
 echnical Area: **Paleontological Resources – 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker

Docket: 01-AFC-16

Revision No. 0 Date August 21, 2001

Technical Staff: Neal Mace

Technical Senior: Dal Hunter, Ph.D.,
P.E./Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 8.16.1.1 8.16.1.6 8.16.2 8.16.3 (Pages 8.16-2; 8.16-3 8.16-9 to 8.16-14)	Yes	
ppendix B g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The area may vary depending on the depositional history of the area.	Sections 8.16.1.1 8.16.1.3 (Pages 8.16-4 to 8.16-7)	Yes	
ppendix B g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic resources within or adjacent to the project.	Sections 8.16.1.3 8.16.1.4 8.16.2.1 (Pages 8.16-7 to 8.16-8 8.16-10)	Yes	
ppendix B g) (16) (C)	A summary of all literature searches and field surveys used to provide information about paleontologic resources in the project area described in subsection (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.	Sections 8.16.1.2 8.16.1.5 (Pages 8.16-3 to 8.16-4 8.16-8 to 8.16-9)	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐ **DATA ADEQUACY WORKSHEET** Revision No. 0 Date August 21, 2001
 echnical Area: **Paleontological Resources –** Project: Tracy Peaker Technical Staff: Neal Mace
12 mo.
 roject Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Dal Hunter, Ph.D.,
P.E./Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (16) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Appendix H In addition, Map has been included in AFC as Figure 8.16-3.	Yes	
Appendix B j) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Section 8.16.3.1 (Pages 8.16-11 to 8.16-13)	Yes	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.16.4 (Pages 8.16-14 to 8.16-16) Table 8.16-4 (Page 8.16-22)	Yes	
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.16.4.5 (Page 8.16-17)	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐ **DATA ADEQUACY WORKSHEET** Revision No. 0 Date August 21, 2001
 echnical Area: **Paleontological Resources –** Project: Tracy Peaker Technical Staff: Neal Mace
12 mo.
 roject Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Dal Hunter, Ph.D.,
P.E./Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.16.3.1 (Pages 8.16-11 to 8.16-13)	Yes	
Appendix B (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.16.4.5 (Page 8.16-17)	Yes	
Appendix B (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Appendix K	Yes	

adequacy Issue:

Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date August 21, 2001

Technical Area:

Paleontological Resources – 4 mo.

Project: Tracy Peaker

Technical Staff: Neal Mace

Project Manager:

Cheri Davis

Docket: 01-AFC-16

Technical Senior: Dal Hunter, Ph.D/ Lynn Alexander

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Section 8.16.3 pp 8.16-11 to 8.16-14 Appendix K	Yes	
25552(e)(2) \\II)	[a]ssure protection of public health and safety;	Appendix K	Yes	
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.16.4 pp 8.16-14 to 8.16-16 Appendix K	Yes	
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Section 1.4 Page 1.3	Yes	

adequacy Issue: Adequate Inadequate **X** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date August 21, 2001
 Technical Area: **Public Health – 12 mo.** Project: Tracy Peaker Technical Staff: Alvin Greenberg
 Project Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 1.5.1 Section 8.1.2 Section 8.6.1 Section 8.6.3.1 Section 8.6.3.3 Table 8.6-1 Table 8.6-2 Section 8.6.3.7 Section 8.6.3.8 Section 8.6.4.3	No	Please provide public health impacts due to pre-construction site preparation and construction equipment diesel exhaust as well as proposed mitigation measures.
Appendix B (9) (A)	A list of all toxic substances emitted by the project under normal operating conditions, which may cause an adverse public health impact as a result of acute, chronic, or sub-chronic exposure and to which members of the public may be exposed. This list should include, at a minimum, any pollutants emitted by the project that are listed pursuant to Health and Safety Code § 25249.8.	Table 8.6-1 Table 8.6-2	Yes	
Appendix B (9) (B)	A protocol describing the analysis which the applicant will conduct to determine the extent of potential public exposure to substances identified in subsection (g)(9)(A) resulting from normal facility operation. The analysis itself can be submitted after the AFC is complete.	Section 8.6.3.3 Section 8.6.3.4	Yes	
Appendix B (9) (C)	A map at a scale of 1:24,000, showing all terrain areas exceeding the elevation of the stack within a 10 mile radius of the facility.	Figure 8.6-1a Figure 8.6-1b	Yes	
Appendix B (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Figure 8.6-1	Yes	

adequacy Issue: Adequate _____ Inadequate **X** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date August 21, 2001

Technical Area: **Public Health – 12 mo.** Project: Tracy Peaker Technical Staff: Alvin Greenberg

Project Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.6-6	Yes	
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.6.5 Table 8.6-6	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.6.7 Table 8.6-6	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.6.5	Yes	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.6.6	Yes	

adequacy Issue: Adequate Inadequate **X**

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date August 21, 2001

Technical Area: **Public Health – 4 mo.**

Project: Tracy Peaker Project

Technical Staff: Alvin Greenberg

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Mike Ringer

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sec. 8.1.4.1 Sec. 8.1.4.2 Sec. 8.6.3.1 Sec. 8.6.3.2 Appendix B Sec. 8.6.3.7 Sec. 8.6.3.8	No	Please discuss public health impacts due to pre-construction site preparation and construction equipment diesel exhaust as well as proposed mitigation measures.
25552(e)(2) \\II)	[a]ssure protection of public health and safety;	Sec. 8.6.3.7 Sec. 8.6.3.8	No	See above
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Sec. 8.6.2 Table 8.6-6	No	See above
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Sec. 2.2.14 Table 2-3	Yes	

adequacy Issue: Adequate _____ Inadequate **X**
 echnical Area: **Reliability – 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date August 20, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.1, 1.2, 1.5.2, 1.5.5, 1.5.6, 1.6, 1.7, 2.1, 2.2.2, 2.2.4, 2.2.5.3, 2.2.5.4, 2.2.5.5, 2.2.6, 2.2.7.2, 2.2.12.3, 2.2.12.8, 2.2.15, 2.3, 2.3.1, 2.4.1, 2.4.2.2, 2.4.2.4, 2.4.3, 2.4.4, 2.4.5, 2.4.5.2; Table 2-5; §§ 5.3, 5.3.1, 5.3.2, 5.3.3, 5.3.6, 7.0; Appendix J6	Yes	
ppendix B) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	§§ 1.5.2, 1.5.5, 2.1, 2.4.3, 7.0	Yes	
ppendix B) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:		N/A	
ppendix B) (3) (B) (i)	Expected annual and lifetime capacity factors;	§§ 1.1, 1.6, 2.2.15, 2.4.1	Yes	
ppendix B) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	§§ 1.5.2, 1.5.6, 2.1, 2.2.2, 2.2.4, 2.2.7.2, 2.4.4	Yes	
ppendix B) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	§§ 1.7, 2.3, 2.3.1	Yes	
ppendix B) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	§§ 1.6, 2.2.15, 2.4.2.2, 2.4.2.4, 2.4.5, 2.4.5.2; Table 2-5; Appendix J6	Yes	

adequacy Issue: Adequate _____ Inadequate X

Technical Area: Reliability – 12 mo.

Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project

Docket: 01-AFC-16

Revision No. 0 Date August 20, 2001

Technical Staff: Steve Baker

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (3) (B) (v)	The expected power plant maturation period.	Not Found	No	Describe debugging period of systems and equipment during plant startup and testing
Appendix B (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;		N/A	
Appendix B (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.		N/A	
Appendix B (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		N/A	
Appendix B (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		N/A	
Appendix B (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Socioeconomics – 12 mo.**
 Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: GWF Tracy Project
 Docket: 01-AFC-16

Revision No. 0 Date 8/22/01
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	PP. 8.8-1 through 40 Section 8.8	Yes	
Appendix B j) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:	PP. 8.8-3 through 12 Section 8.8.2 PP. 8.8-28 & 29 Tables 8.8-1 & 2	Yes	
Appendix B j) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	PP. 8.8-3 & 4 Section 8.8.2.1 PP. 8.8-10 through 12 Section 8.8.2.4 PP. 8.8-28 & 29 Tables 8.8-1 & 2 Pg. 8.8-36, Table 8.8-10	No	Please provide a list of the applicable local agencies other than San Joaquin County with taxing powers and their most recent and projected revenues.
Appendix B j) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	PP. 8.8-4 through 6 Section 8.8.2.2 PP. 8.8-32 & 33 Tables 8.8-5, 6 & 7 PP. 8.8-19 through 22 Section 8.8.4	Yes	
Appendix B j) (7) (A) (iii)	Existing and projected unemployment rates;	PP. 8.8-3 & 4 Section 8.8.2.1 Pg. 8.8-28, Table 8.8-1	No	Please provide projected unemployment rates.
Appendix B j) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	PP. 8.8-13 Section 8.8.3.2 Pg. 8.8-30, Table 8.8-3	Yes	
Appendix B j) (7) (A) (v)	Availability of temporary and permanent housing; and	Pg. 8.8-4 & 6 Section 8.8.2.2	Yes	

adequacy Issue: Adequate _____ Inadequate X **DATA ADEQUACY WORKSHEET** Revision No. 0 Date 8/22/01

Technical Area: Socioeconomics – 12 mo. Project: GWF Tracy Project Technical Staff: James Adams

Project Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	PP. 8.8-6 through 10 Section 8.8.2.3	Yes	
Appendix B (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:	PP. 8.8-13 through 15 Section 8.8.3.2 PP. 8.8-14 through 19 Section 8.8.3.2	Yes	
Appendix B (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	PP. 8.8-13 through 15 Section 8.8.3.2	Yes	
Appendix B (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	PP. 8.8-13 through 15 Section 8.8.3.2	Yes	
Appendix B (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	PP. 8.8-15 & 16 Section 8.8.3.3	Yes	
Appendix B (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	PP. 8.8-16 Section 8.8.3.3	Yes	

adequacy Issue: Adequate _____ Inadequate **X** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date 8/22/01
 echnical Area: **Socioeconomics – 12 mo.** Project: GWF Tracy Project Technical Staff: James Adams
 roject Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B j) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	PP. 8.8-16 through 18 Section 8.8.3.4	Yes	
ppendix B j) (7) (B) (vi)	An estimate of applicable school impact fees;	Pg. 8.8-17 Section 8.8.3.4	Yes	
ppendix B j) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Pg. 8.8-14 Section 8.8.3.2, Pg. 8.8-39 Table 8.8-13 Pg. 8.8-15, Section 8.8.3.2 Pg. 8.8-39, Table 8.8-14	Yes	
ppendix B j) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	Pg. 8.8-14, Section 8.8.3.2 Pg. 8.8-39, Table 8.8-13 Pg. 8.8-39, Table 8.8-14	Yes	
ppendix B j) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	Pg. 8.8-19, Section 8.8.3.5	Yes	
ppendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Pg. 8.8-40, Table 8.8-15 Pg. 8.8-24, Section 8.8.9	Yes	

adequacy Issue: Adequate _____ Inadequate **X**
 echnical Area: **Socioeconomics – 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: GWF Tracy Project
 Docket: 01-AFC-16

Revision No. 0 Date 8/22/01
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.		No	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pg. 8.8-40, Section 8.8.9	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Pg. 8.8-23, Section 8.8.8	Yes	
Appendix i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Pg. 8.8-24, Section 8.8-10	Yes	

adequacy Issue:

Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date 8/22/01

Technical Area:

Socioeconomics – 4 mo.

Project:

Tracy Peaker Project

Technical Staff:

James Adams

Project Manager:

Cheri Davis

Docket:

01-AFC-16

Technical Senior:

Dale Edwards

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	PP. 8.8-23 Section 8.8.7	Yes	
25552(e)(2) \\II)	[a]ssure protection of public health and safety;		N/A	
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Pg. 8.8-24, Section 8.8.9 Pg.8.8-40, Table 8.8-15	Yes	
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	

adequacy Issue: Adequate _____ Inadequate **x**
 echnical Area: **Soil Resources – 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date 8.20.01

Technical Staff: Lorraine White
 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.9	No	Please provide information on proposed monitoring efforts to ensure success of mitigation measures, if any. Please discuss any direct, indirect or cumulative impacts to soil quality associated with the conversion of agricultural land to industrial uses.
ppendix B j) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Figures 8.9-1 & -2	Yes	
ppendix B j) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Table 8.9-1, -2, & -3	Yes	
ppendix B j) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	Table 8.9-2 & -3	Yes	
ppendix B j) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:	Section 8.9.2.5	No	Please provide an assessment of the effects of the proposed site preparation and construction activities (grading, excavation, grubbing, revegetation, cut, fill, trenching, etc..) on soil uses and agricultural lands.
ppendix B j) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;		N/A	
ppendix B j) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.		No	Please provide an assessment of the plant's emissions on surrounding soil-vegetation systems.

adequacy Issue: Adequate _____ Inadequate **x**
 echnical Area: **Soil Resources – 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date 8.20.01
 Technical Staff: Lorraine White
 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.9-4	No	Please include any local requirements for grading, stormwater management, and or drainage.
Appendix B (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.9.7, p. 8.9-10	No	Please include any local agencies with jurisdiction regarding grading, soil conservation, Williamson Act cancellation, stormwater management, and or drainage.
Appendix B (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.1.3.5 Section 8.9.6, p. 8.9-8 to –10 Table 8.9-4	No	Please include any local requirements for grading, stormwater management, and or drainage.
Appendix B (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.9.7, p. 8.9-10	No	Please include any local agencies with jurisdiction regarding grading, soil conservation, Williamson Act cancellation, stormwater management, and or drainage.
Appendix B (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.9.8, p. 8.9-10	No	Please include any local requirements for grading, Williamson Act cancellation, stormwater management, and or drainage.

adequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No.

0

Date

8/20/01

Technical Area:

Soil Resources – 4 mo.

Project:

Tracy Peaker Project

Technical Staff:

Lorraine White

Project Manager:

Cheri Davis

Docket:

01-AFC-16

Technical Senior:

Dick Anderson

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sect. 8.9.3, p. 8.9-7	NO	For mitigation measures stated, please provide proposed verification measures to ensure that the powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation. If creeks, sloughs or drainages are crossed, please provide a description of the proposed conditions of certification that will ensure the construction of linear facilities will not have a significant adverse effect on the environment.
25552(e)(2) \\II)	[a]ssure protection of public health and safety;		N/A	
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.9.6 p. 8.9-8 to 8.9-10	NO	If creeks, sloughs or drainages are crossed, please provide information on laws, regulations, ordinances, standards or permits that may be required.
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Table 8.14-7 Section 8.14.8	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐
 echnical Area: **T-Line Safety and Nuisance – 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project

Revision No. 0 Date August 20, 2001

Technical Staff: Obed Odoemelam

Docket: 01-AFC-16

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.		See TSE	
ppendix B) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.		See TSE	
ppendix B) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and		See TSE	

adequacy Issue: Adequate ☒ Inadequate ☐ **DATA ADEQUACY WORKSHEET** Revision No. 0 Date August 20, 2001
 echnical Area: **T-Line Safety and Nuisance – 12 mo.** Project: Tracy Peaker Project Technical Staff: Obed Odoemelum
 roject Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.		See TSE	
Appendix B (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 6.0, pages 6-1 and 6-2.	Yes	
Appendix B (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Section 6.0, pages 6-10, through 6-12 and page 6-14. Appendix A.	Yes	
Appendix B (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Section 6.0, pages 6-14 through 6-16.	Yes	
Appendix B (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 6.0, pages 6-21 through 6-24.	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐
 echnical Area: **T-Line Safety and Nuisance –
 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project

Revision No. 0 Date August 20, 2001

Technical Staff: Obed Odoemelum

Docket: 01-AFC-16

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 6.0, page 6-25.	Yes	
ppendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.0, pages 6-9 through 6-19.	Yes	
ppendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 6.0, page 6-25.	Yes	
ppendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 6.0, page 6-19.	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐ **DATA ADEQUACY WORKSHEET** Revision No. 0 Date August 20, 2001
 (Four Month Expedited Process)
 echnical Area: **T-Line Safety and Nuisance – 4mo.** Project: Tracy Peaker Project Technical Staff: Obed Odoemelam
 roject Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Mike Ringer

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Section 6.0, pages 6-3 through 6-15	Yes	
25552(e)(2) \\II)	[a]ssure protection of public health and safety;	Section 6.0, pages 6-16 and 6-17.	Yes	
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 6.0, pages 6-6 through 6-18	Yes	
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Section 6.0 pages 6-3 through 6-6.	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/27/01

Technical Area: **Transmission System Engineering – 12 mo.**

Project: Tracy Peaker Project

Technical Staff: Al MCCuen

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 6	Yes	
Appendix B (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Section 6, Appendix A	Yes	
Appendix B (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Section 6, Appendix A	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: **Transmission System Engineering – 12 mo.**

Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project

Docket: 01-AFC-16

Revision No. 0 Date 8/27/01

Technical Staff: Al MCCuen

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 6, Section 5, Appendix A	Yes	
Appendix B (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 6, Page 6-1 and 6-2	Yes	
Appendix B (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.		See TLSN	
Appendix B (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.		See TLSN	
Appendix B (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;		See TLSN	

adequacy Issue: Adequate ☒ Inadequate ☐
Technical Area: **Transmission System Engineering – 12 mo.**
Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project

Docket: 01-AFC-16

Revision No. 0 Date 8/27/01

Technical Staff: Al McCuen

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.		See TLSN	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		See TLSN	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		See TLSN	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		See TLSN	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date Aug 21-01

Technical Area: **Transmission System Engineering – 4 mo.**

Project: Tracy Peaker Project

Technical Staff: Al McCuen

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Al McCuen

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	N/A		
25552(e)(2) \\II)	[a]ssure protection of public health and safety;	N/A		
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	N/A		
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Section 6, Electric Transmission, Appendix A	Yes	

adequacy Issue: Adequate _____ Inadequate **X**

Technical Area: **Traffic and Transportation – 12mo.**

Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project (TPP)

Docket: 01-AFC-16

Revision No. 0 Date 8/22/01

Technical Staff: David Young

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page 8.10-4 sec 8.10.2.1 Page 8.10-9 –8.10-19 sec 8.10.2.2-8.10.4.2	Yes	
Appendix B j) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Figure 8.10-1 Page 8.10-3 sec 8.10.1.3	Yes	
Appendix B j) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Not included in AFC	No	Provide a topographic map at a 1:24,000 scale with all requirements listed in Appendix B (g) (5) (A)
Appendix B j) (5) (B) (i)	Road classification and design capacity;	Pages 8.10-23-8.10-26	No	Need to include classification for all roadways listed in tables 8.10-2 and 8.10-4
Appendix B j) (5) (B) (ii)	Current daily average and peak traffic counts;	Pages 8.10-23-8.10-26 Tables 8.10-2-8.10-4	Yes	None
Appendix B j) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Page 8.10-7 sec 8.10.2.1 Page 8.10-13 –8.10-17 sec 8.10.3.2-8.10.3.3 Table 8.10-7		
Appendix B j) (5) (B) (iv)	Weight and load limitations;	Page 8.10-9 sec 8.10.2.2	Yes	

adequacy Issue: Adequate _____ Inadequate X **DATA ADEQUACY WORKSHEET** Revision No. 0 Date 8/22/01

Technical Area: **Traffic and Transportation – 12mo.** Project: Tracy Peaker Project (TPP) Technical Staff: David Young

Project Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Pages 8.10-23-8.10-26 Tables 8.10-2-8.10-4	Yes	
Appendix B j) (5) (B) (vi)	An identification of any road features affecting public safety.	Not included in AFC	No	Identify and discuss any road features that affect or could potentially affect public safety.
Appendix B j) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	Page 8.10-7 sec 8.10.2.1	No	Provide topographical map with a scale of 1:24,000 of any planned transportation facilities in the project vicinity or planned project-related facilities.
Appendix B j) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	Page 8.10-11-8.10-19 sec 8.10.3.2-8.10.4.2	Yes	
Appendix B i) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	Page 8.10-15 sec 8.10.3.2 Page 8.10-16 sec 8.10.3.2 Page 8.10-17 sec 8.10.3.3 Page 8.10-6 sec 8.10.2.1 Page 8.10-3 sec 8.10.1.3 Page 8.10-2 sec 8.10.1.2	Yes	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 8.10-31 Table 8.10-8	No	Table needs to explicitly reference sections or pages within the application wherein conformance with each law and standard during construction and operation of the facility is discussed.

adequacy Issue: Adequate _____ Inadequate **X** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date 8/22/01
 Technical Area: **Traffic and Transportation –** Project: Tracy Peaker Project (TPP) Technical Staff: David Young
12mo.
 Project Manager: Cheri Davis Docket: 01-AFC-16 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 8.10-31 Table 8.10-8	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 8.10-31 Table 8.10-8	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 8.10-19 sec 8.10.5	Yes	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 8.10-9 sec 8.10.2.2 Page 8.10-14 sec 8.10.3.2	Yes	

adequacy Issue: Adequate ☒ Inadequate

**DATA ADEQUACY WORKSHEET
(Four Month Expedited Process)**

Revision No. 0 Date 08/20/01

Technical Area: Traffic and Transportation – 4mo.

Project: Tracy Peaker Project (TPP)

Technical Staff: David Young

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Eileen Allen

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Pages 8.10-10-8.10-19 sec 8.10.3-8.10.4.2	Yes	
25552(e)(2) \\II)	[a]ssure protection of public health and safety;	Section 8.10	Yes	
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Page 8.10.2 sec 8.10.1-8.10.2.2	Yes	
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Not applicable, since there are no traffic/transportation features of the project that would preclude it from being in service before 12/31/02.		

adequacy Issue: Adequate _____ Inadequate **X**
 echnical Area: **Visual Resources – 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date August 21, 2001
 Technical Staff: Gary Walker
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.11	No	Submittal of the information requested below will satisfy this requirement.
ppendix B j) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	Pp.8.11-4 through 8.11-9, Section 8.11.2.	No	Submittal of the information requested below will satisfy this requirement.
ppendix B j) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figure 8.11-1.	No	Figure 8.11.1 does not show the areas from which the project may be seen and does not show Key Observation Point 1. Please revise Figure 8.11-1 to show these features.
ppendix B j) (6) (A) (ii)	Elevations of any existing structures on the site; and		N/A	
ppendix B j) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	Pp.8.11-4 through 8.11-7, Section 8.11.2.	Yes	
ppendix B j) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Not provided	No	The AFC provides an assessment of the factors (vividness, intactness, and unit) that, according to the methodology used, contribute to visual quality. However, the AFC does not derive from those factors an assessment of the visual quality of those areas that will be impacted by the proposed project, including KOPs 1 through 6. Please provide such an assessment.

adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 21, 2001

Technical Area: Visual Resources – 12 mo.

Project: Tracy Peaker Project

Technical Staff: Gary Walker

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	Pp.8.11-5 to 8.11-9, Section 8.11.2.	No.	Please indicate the approximate number of people using each of the sensitive areas identified in the AFC, including KOPs 1 through 6. For KOPs representing residences, please specify the number of residences. For KOPs representing roadways, please provide the average daily traffic (ADT). The AFC does not indicate that the applicant consulted with CEC staff or community residents to identify the scenic corridors and any visually sensitive areas potentially affected by the project. CEC staff may request the establishment of additional KOPs in the discovery phase after conducting a field reconnaissance.
Appendix B j) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	Pp.8.11-6 and 8.11-7, Section 8.11.2.4.	Yes	
Appendix B j) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figures 8.11-2 through 8.11-7 and 8.11-9 through 8.11-14.	Yes	
Appendix B j) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Pp.8.11-10 through 8.11-15, Sections 8.11.3; and p.8.11-9, Section 8.11.2.5.	Yes	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.11-1 and pp.8.11-2 through 8.11-3, Section 8.11.1.	No	The AFC states that scenic resources are addressed in the open space element of the San Joaquin County General Plan, but does not specify the policies, objectives, standards, or guidelines in the plan or discuss the applicability of each to the proposed project. Please identify those items in the plan and provide a discussion of their applicability to the project.

adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 21, 2001

Technical Area: **Visual Resources – 12 mo.**

Project: Tracy Peaker Project

Technical Staff: Gary Walker

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	P.8.11-16, Section 8.11.7.	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	P.8.11-15, Section 8.11.5.	No	The AFC states that the project will comply with applicable laws, ordinances, regulations, and standards, but does not specify the visual resources policies, objectives, standards, or guidelines of the San Joaquin County General Plan applicable to the project and does not discuss the conformity of the project with them. Please provide such a discussion.
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	P.8.11-16, Section 8.11.7.	Yes	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	P.8.11-15, Section 8.11.7.	Not applicable.	

dequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision

0

Date

August 21, 2001

No.

Technical Area:

Visual Resources – 4 mo.

Project:

Tracy Peaker Project

Technical Staff:

Gary Walker

Project Manager:

Cheri Davis

Docket:

01-AFC-16

Technical Senior:

Dale Edwards

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Appendix K, Section K-15.	No	Until all of the data required to fulfill the 12-month data adequacy requirements regarding visual resources is provided, it is not possible to determine whether the proposed conditions will assure that the project will not have a significant adverse effect on the environment. Please discuss mitigation measure that may be necessary.
25552(e)(2) \\II)	[a]ssure protection of public health and safety;		N/A	
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Sections 8.11.3 and 8.11.5.	No	The AFC states that scenic resources are addressed in the open space element of the San Joaquin County General Plan, but does not a) specify the policies, objectives, standards, or guidelines in the plan, b) discuss the applicability of each to the proposed project, or c) discuss the project's conformity with them. Therefore, it is unclear what conditions are required for the project to comply with those policies, objectives, standards, or guidelines. Please a) identify those policies, objectives, standards, and guidelines in the San Joaquin County General Plan that are applicable to the project, b) provide a discussion of the applicability of each item to the project, c) provide a discussion of the project's compliance with each item and d) identify any conditions needed to result in compliance with all items.
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	

dequacy Issue: Adequate X Inadequate
 echnical Area: Waste Management – 12 mo.
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision 0 Date August 21, 2001
 Technical Staff: Alvin Greenberg
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B y) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Section 8.13.2.1 Section 8.13.2.2 Section 8.13.4 Section 2.2	Yes	
ppendix B y) (2)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 8.13.5 Section 4.0	Yes	
ppendix B y) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.13.1 Section 8.13.2.1 Section 8.13.2.2 Section 8.13.4 Section 8.13.6 Section 8.13.7	Yes	
ppendix B y) (12) (A)	A Phase I Environmental Site Assessment for the proposed power plant site using methods prescribed by the American Society for Testing and Materials (ASTM) document entitled "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process" (Designation: E 1527-93, May 1993), which is incorporated by reference in its entirety; or an equivalent method agreed upon by the applicant and the CEC Staff that provides similar documentation of the potential level and extent of site contamination.	Appendix G	Yes	

adequacy Issue: Adequate X Inadequate _____
 Technical Area: Waste Management – 12 mo.
 Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision 0 Date August 21, 2001
 Technical Staff: Alvin Greenberg
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	Section 8.13.2.1 Section 8.13.2.2 Table 8.13-1 Table 8.13-2	Yes	
Appendix B (12) (C)	A description of all waste disposal sites which may feasibly be used for disposal of project wastes. For each site, include the name, location, classification under Title 23, California Code of Regulations, § 2530 et seq., the daily or annual permitted capacity, daily or annual amounts of waste currently being accepted, the estimated closure date and remaining capacity, and a description of any enforcement action taken by local or state agencies due to waste disposal activities at the site.	Section 8.13.3	Yes	
Appendix B (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste treatment methods used, and use of contractors for treatment.	Section 8.13.2.1 Section 8.13.2.2 Section 8.13.4	Yes	
Appendix B (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.14-4 Section 8.13.8	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐
Technical Area: Waste Management – 12 mo.
Project Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
Docket: 01-AFC-16

Revision 0 Date August 21, 2001
Technical Staff: Alvin Greenberg
Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.13-4	Yes	
Appendix B (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.13.8 Table 8.13-4	Yes	
Appendix B (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.13-3	Yes	
Appendix B (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.13.10	Yes	

adequacy Issue:

Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No. 0 Date August 21, 2001

Technical Area: Waste Management – 4 mo.

Project: Tracy Peaker Project

Technical Staff: Alvin Greenberg

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Mike Ringer

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal power plant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sec. 8.13.2.1 Sec. 8.13.2.2 Sec. 8.13.4 Sec. 8.13.6	YES	
25552(e)(2) \\II)	[a]ssure protection of public health and safety;	Sec. 8.13.2.1 Sec. 8.13.2.2 Sec. 8.14.4 Sec. 8.13.5 Sec. 8.13.6	YES	
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Sec. 8.13.8 Table 8.14-4	YES	
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Sec. 2.2.14 Table 2-3	YES	

adequacy Issue: Adequate _____ Inadequate x
 echnical Area: Water Resources – 12 mo.
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date 8.20.01
 Technical Staff: Lorraine White
 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sect. 2.2.7 & 8, p. 2-9 to 2-12 Figures 2-2 & -3 Sect. 8.14, p. 8.14-1 to -24	No	Please provide more information on the disposal of the project wastewater and any mitigation measures or monitoring activities to be undertaken to ensure no adverse environmental impacts. Additional projects are proposed in the Tracy and Mountain House area, including power generation. Please discuss indirect and cumulative impacts due to this project in relationship with these other projects. Please provide information on any monitoring activities needed to ensure that the project will not have adverse impacts on surface and groundwater resources, the Tracy Biomass facility, and potential resolution in the event impacts are discovered.
ppendix B j) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:			
ppendix B j) (14) (A) (i)	Waste Discharge Requirements; and		N/A	
ppendix B j) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	P. 8.14-2 Sect. 8.14.2, p. 8.14-6 Table 8.14-3	No	Please provide all information required by the regional board to apply for an NPDES permit, or explain why this information is not needed.
ppendix B j) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:			
ppendix B j) (14) (B) (i)	Ground water bodies and related geologic structures;	Sect. 8.14.1.1, p. 8.14-2 & -3	No	Please provide a hydrostratigraphic map at appropriate scale and the chemical characteristics of ground water bodies and related geologic structures.

adequacy Issue: Adequate _____ Inadequate **x**
 Technical Area: **Water Resources – 12 mo.**
 Project Manager: **Cheri Davis**

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date 8.20.01

Technical Staff: Lorraine White

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (14) (B) (ii)	Surface water bodies; and	Sect. 8.14.1.1, p. 8.14-3, -4 Figure 2-2	No	It appears in Figure 2-2 that proposed linear facilities will cross surface water bodies. Please clarify and provide required chemical and physical characteristics for the surface water bodies crossed by proposed linear facilities. Please provide required chemical and physical characteristics for the surface water bodies that will either receive stormwater runoff from the site and or any wastewater (as disposed of by the third party hauler) from the project.
Appendix B j) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	8.14.2, p. 8.14-6, -7	Yes	
Appendix B j) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:			
Appendix B j) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Sect. 8.14.1 & 8.14.2 p. 8.14-8	No	Please provide information on the source of water for construction-related activities and the rationale for its use.
Appendix B j) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Table 8.14-3	No	Please provide the physical and chemical characteristics of the discharge water.
Appendix B j) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Table 2-1, 2-2, p. 2-9 to 2-12 Sect 8.14.1.2, p. 8.14-4 Table 8.14-2	No	Please provide information on the average and maximum daily water demand and waste water discharge for construction phases of the project.
Appendix B j) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Figure 8.14-1a & -1bp. 2-11 & -12	No	Please provide information on the proposed disposal of the project's effluent. More information is required about the ultimate disposal method and possible impacts associated with this method once the waste is removed. Please provide information on any conveyance and treatment facilities required for the transfer of water from the Tracy Biomass facility source to the proposed power plant. If no facilities are required, please provide a clearer explanation of the actual transfer and conveyance of the CVP water to the canal turnout.

adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8.20.01

Technical Area: **Water Resources – 12 mo.**

Project: Tracy Peaker Project

Technical Staff: Lorraine White

Project Manager: Cheri Davis

Docket: 01-AFC-16

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:			
Appendix B j) (14) (D) (i)	Precipitation and storm runoff patterns; and	p. 8.14-2 Table 8.14-1	No	Please provide a description of pre-, and post-construction runoff and drainage patterns.
Appendix B j) (14) (D) (ii)	Drainage facilities and design criteria.	Sect. 8.14.2, p. 8.14-6	No	Please describe the stormwater collection system including capacity, construction and operation. Please include design criteria for the various facilities.
Appendix B j) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:		No	Please provide information on the potential impacts to groundwater resources from the proposed septic system.
Appendix B j) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Sect. 8.14.2, p. 8.14-7	No	Please provide an assessment of impacts from this project's demand to other users of the overdrafted canal and the CVP when water is transferred from the Tracy Biomass facility. Please discuss how the water transfers will impact the operation of the Tracy Biomass facility (include in this information the Biomass facilities current demand).
Appendix B j) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Sect. 8.14.2, p. 8.14-5 & 6 p. 8.2-2	No	Please provide an assessment of the potential direct, indirect and cumulative impacts associated with the construction of the linear facilities on surface water bodies. Please provide information on the criteria to be used in the selection of the wastewater hauler and the ultimate disposal facility. Please provide information on the potential effects on the ultimate disposal facility of the project's effluent.
Appendix B j) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Sect. 8.14.2, p. 8.14-6	Yes	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.14-3 Sect. 8.14.5, p. 8.14-10 to -12	Yes	

adequacy Issue: Adequate _____ Inadequate **x**
 echnical Area: **Water Resources – 12 mo.**
 roject Manager: Cheri Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project
 Docket: 01-AFC-16

Revision No. 0 Date 8.20.01
 Technical Staff: Lorraine White
 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.14.3	Yes	
ppendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sect. 8.14.6, p. 8.14-13 & -14	Yes	
ppendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.14.7 p. 8.14-14	Yes	
ppendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Sect. 8.14.6, p. 8.14-13	Yes	

adequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET (Four Month Expedited Process)

Revision No.

0

Date

8/20/01

Technical Area:

Water Resources – 4 mo.

Project:

Tracy Peaker Project

Technical Staff:

Lorraine White

Project Manager:

Cheri Davis

Docket:

01-AFC-16

Technical Senior:

Dick Anderson

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Sect. 8.9.3, p. 8.9-7	NO	For mitigation measures stated, please provide proposed verification measures to ensure that the powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation. If creeks, sloughs or drainages are crossed, please provide a description of the proposed conditions of certification that will ensure the construction of linear facilities will not have a significant adverse effect on the environment.
25552(e)(2) \\II)	[a]ssure protection of public health and safety;	Not Applicable		
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.9.6 p. 8.9-8 to 8.9-10	NO	If creeks, sloughs or drainages are crossed, please provide information on laws, regulations, ordinances, standards or permits that may be required.
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related facilities, if licensed on the expedited schedule..., will be in service before December 31, 2002;	Table 8.14-7 Section 8.14.8	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐
 echnical Area: **Worker Safety – 12 mo.**
 roject Manager: C. Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project

Docket: 01-AFC-16

Revision No. 0 Date 8/21/01

Technical Staff: Rick Tyler

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.7	Yes	
ppendix B g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	Section 8.7.4	Yes	
ppendix B g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Sections 2.0, 8.7	Yes	
ppendix B g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:	Section 8.7	Yes	
	Construction Health and Safety Program: * Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);		Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)			
	Operation Health and Safety Program: * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);		Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);		Yes	
	* Emergency Action Plan (8 Cal. Code Regs., § 3220);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).		Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: **Worker Safety – 12 mo.**

Project Manager: C. Davis

DATA ADEQUACY WORKSHEET

Project: Tracy Peaker Project

Docket: 01-AFC-16

Revision No. 0 Date 8/21/01

Technical Staff: Rick Tyler

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.7.1	Yes	
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.7-1	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.7	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.7.8	Yes	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 8.7-7	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐ **DATA ADEQUACY WORKSHEET** Revision No. 0 Date 8/21/01
 (Four Month Expedited Process)
 echnical Area: Worker Safety / Fire protection Project: Tracy Peaker Project Technical Staff: R.Tyler
 – 4 mo.
 roject Manager: C. Davis Docket: 01-AFC-16 Technical Senior: R.Tyler

SB 28 SHER REQUIREMENTS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
25552(e)	...the application shall...include a description of the proposed conditions of certification that will do all of the following:			
25552(e)(1) \\II)	[a]ssure that the thermal powerplant and related facilities will not have a significant adverse effect on the environment as a result of construction or operation;	Section 8.7	Yes	
25552(e)(2) \\II)	[a]ssure protection of public health and safety;	Section 8.7	Yes	
25552(e)(3) \\II)	[r]esult in compliance with all applicable federal, state, and local laws, ordinances, and standards;	Section 8.7	Yes	
25552(e)(4) \\II)	[a] reasonable demonstration that the thermal powerplant and related faciities, if licensed on the expedited schedule..., will be in service before December 31, 2002;		N/A	